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<p>(54) Title: USES OF FIBROBLASTS OR SUPERNATANTS FROM FIBROBLASTS FOR THE SUPPRESSION OF IMMUNE RESPONSES IN TRANSPLANTATION</p> <p>(57) Abstract</p> <p>Disclosed is a method of inducing a reduced immune response to a transplant in a recipient by treating said recipient with an amount of fibroblasts or a supernatant from a fibroblast culture effective to reduce or inhibit host rejection of the transplant. The fibroblasts or a supernatant from a fibroblast culture can be administered before, at the same time as, or after the transplant. This method is effective in reducing an immune response to a transplant without compromising the immune response to other foreign antigens. Also disclosed is a method of inducing a reduced immune response against a host by foreign tissue, i.e., graft versus host disease.</p>			